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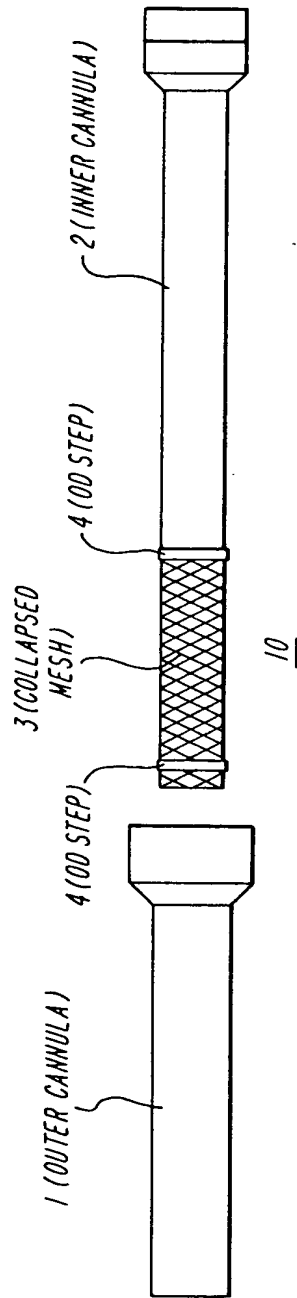
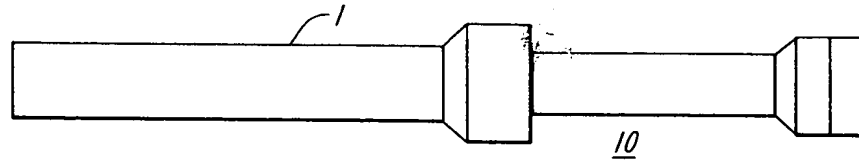
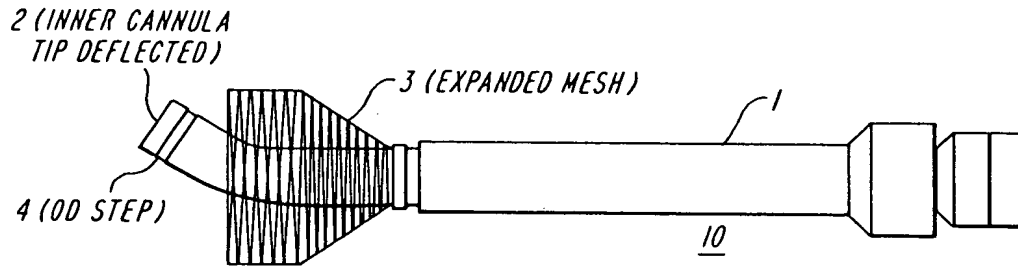


FIG. 1A

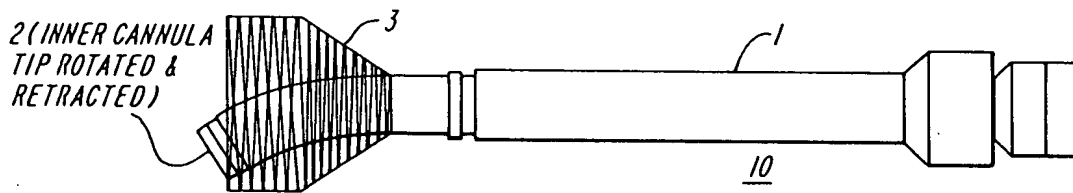
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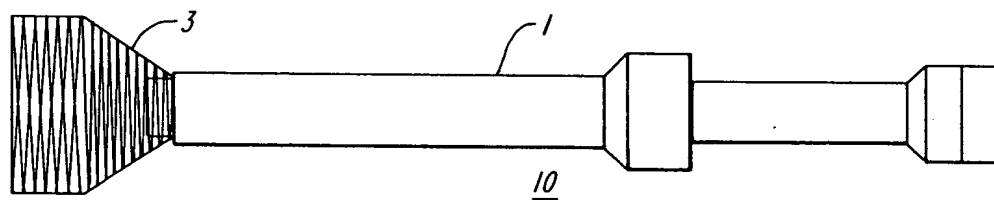
**FIG. 1B**



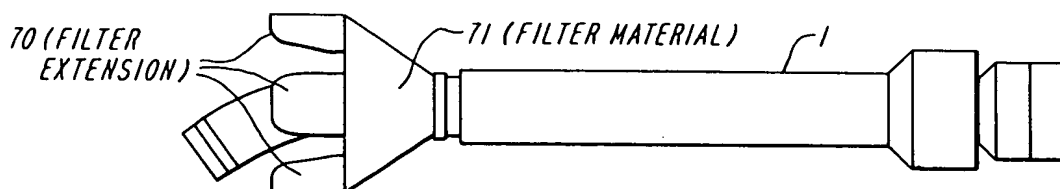
**FIG. 1C**



**FIG. 1D**



**FIG. 1E**



**FIG. 1F**

1. The first step is to identify the problem or goal. This involves understanding the current situation and what needs to be achieved.

2. Next, you need to gather information. This could involve research, consulting with experts, or collecting data.

3. Once you have gathered information, you should analyze it. This means looking at the data and identifying patterns or trends.

4. After analysis, you should develop a plan. This involves deciding on the best course of action to achieve your goal.

5. Finally, you need to implement the plan. This means putting your plan into action and monitoring progress.

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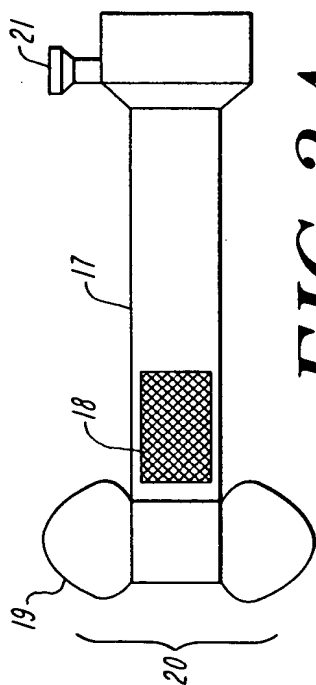


FIG. 2A

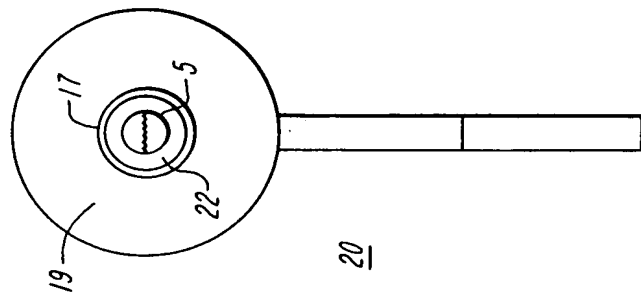


FIG. 2C

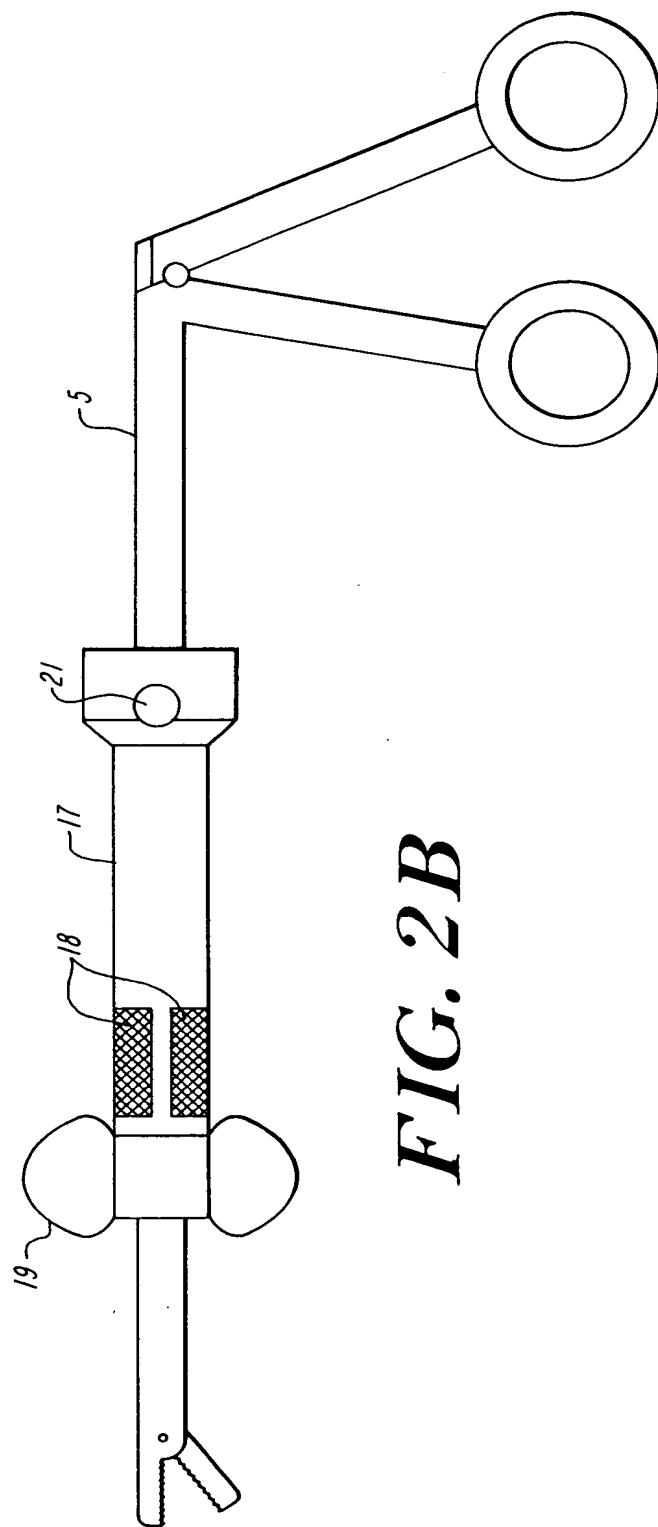
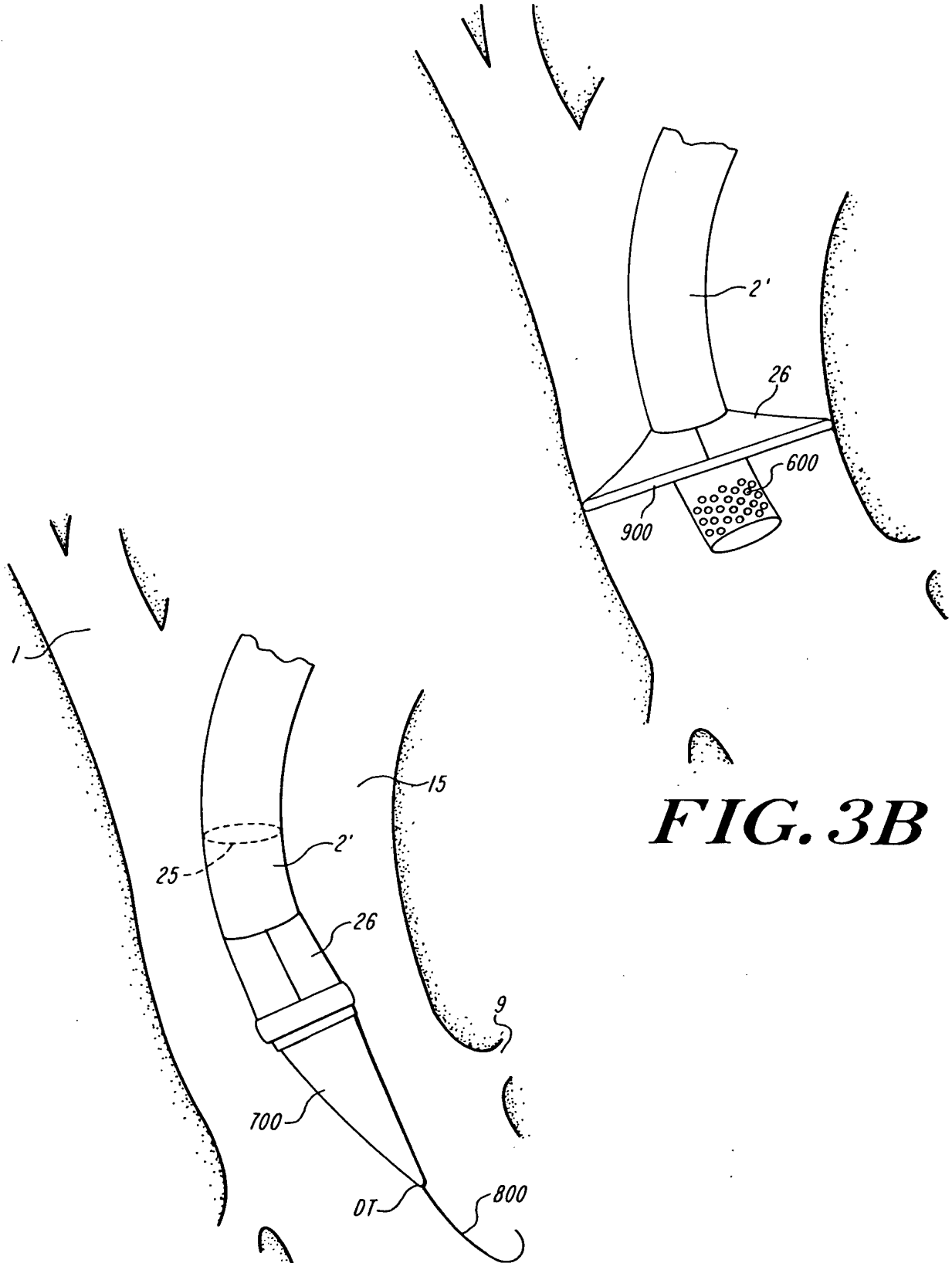


FIG. 2B

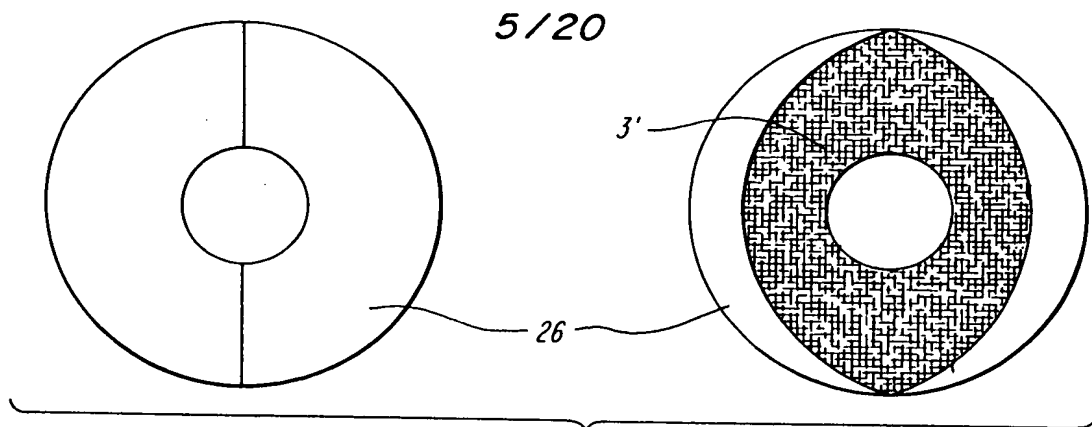
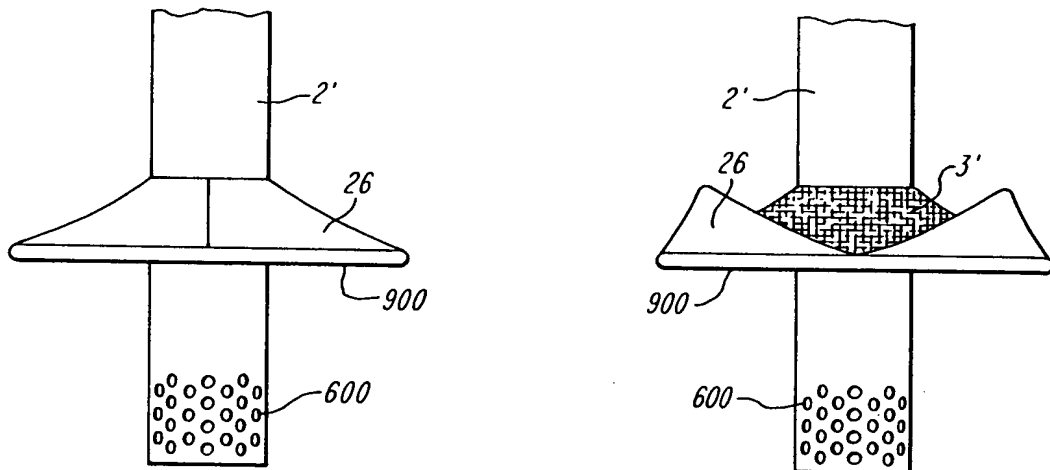
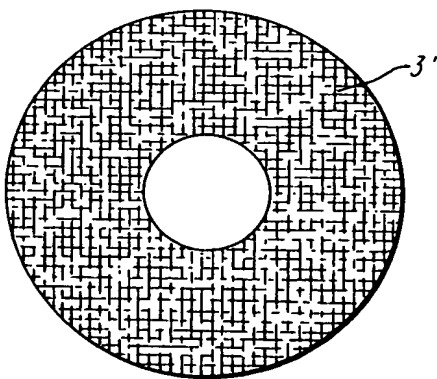
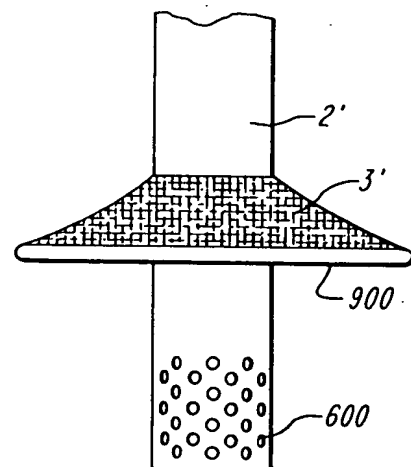
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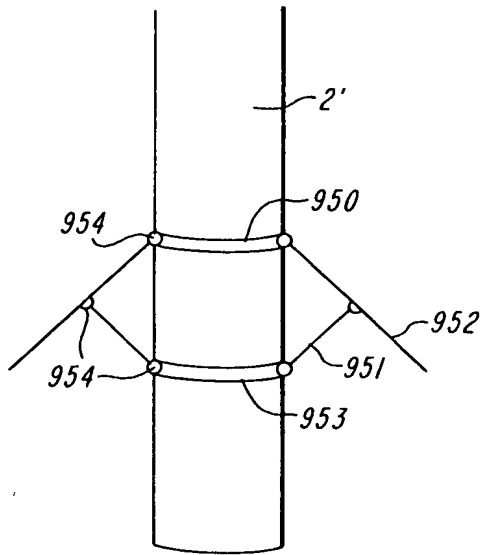
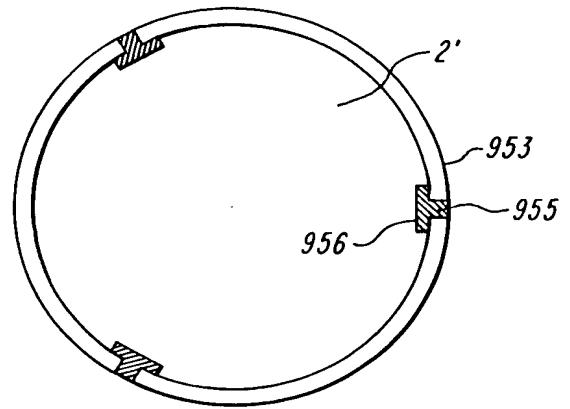
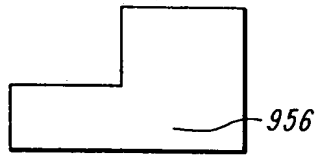
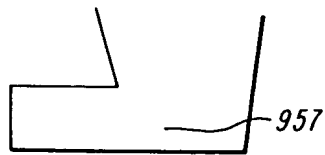
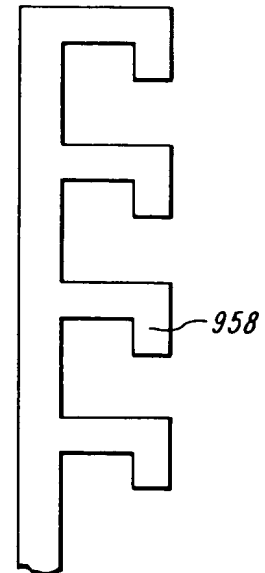


**FIG. 3B**

**FIG. 3A**

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**FIG. 4A****FIG. 4B****FIG. 5A****FIG. 5B**

**FIG. 6****FIG. 7A****FIG. 7B****FIG. 7C****FIG. 7D**

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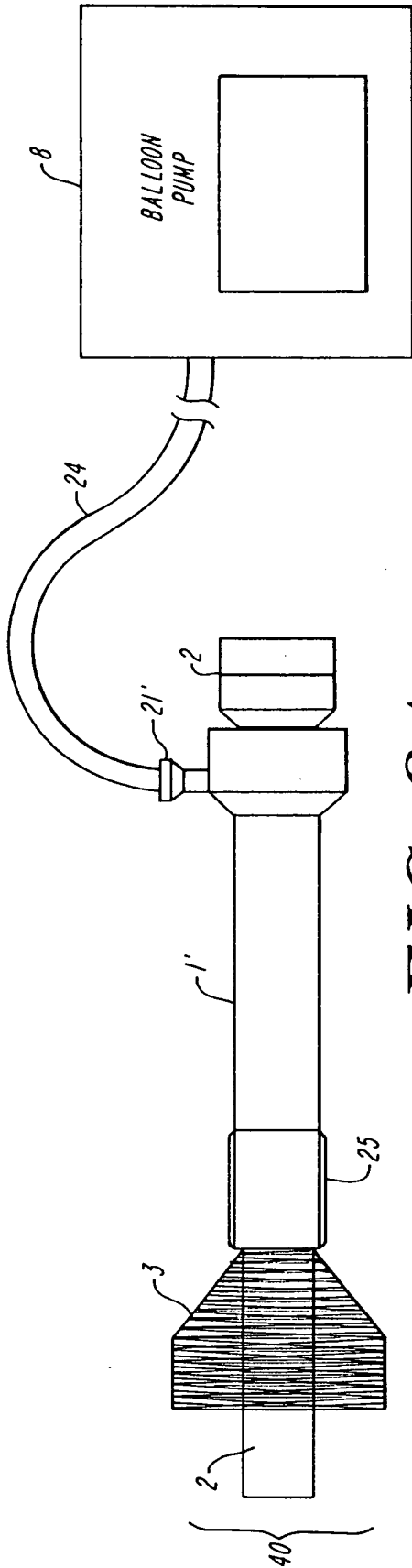


FIG. 8A

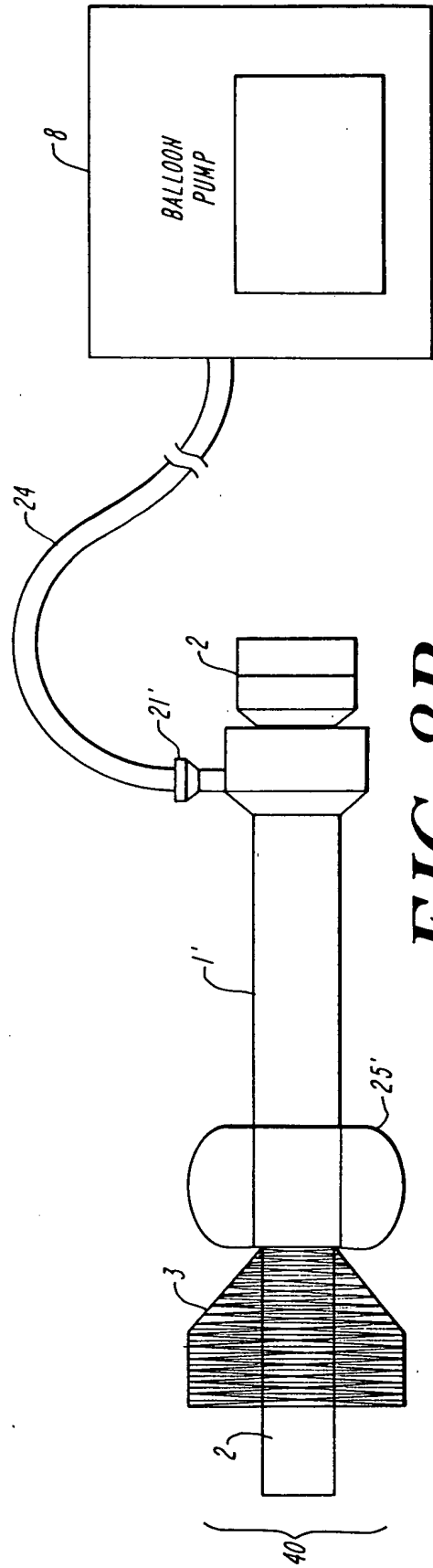
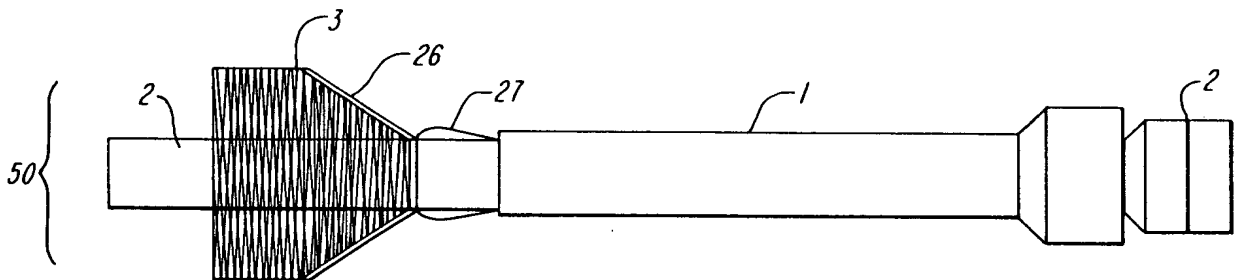
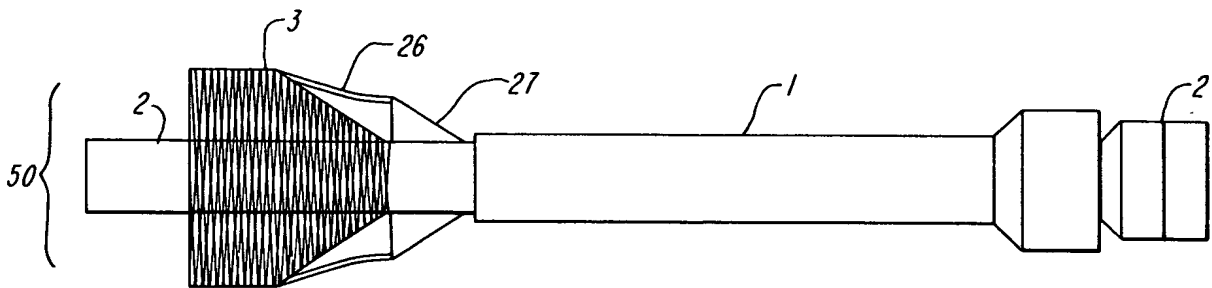
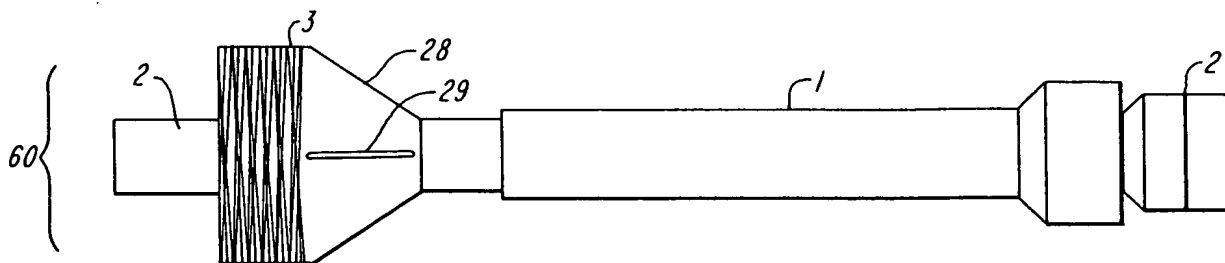
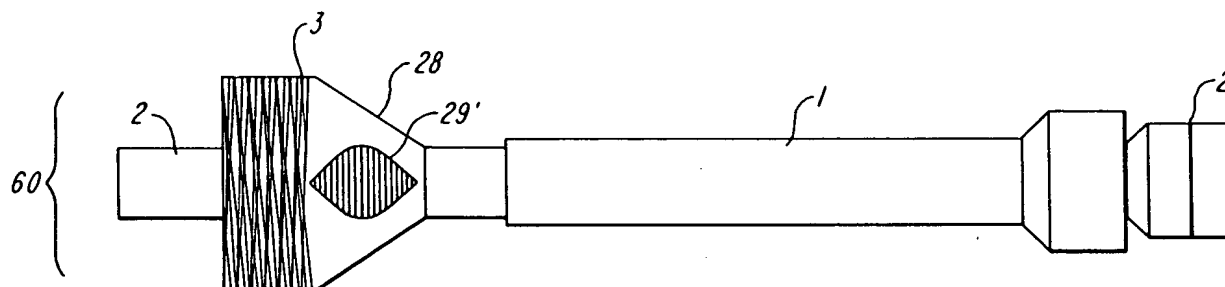
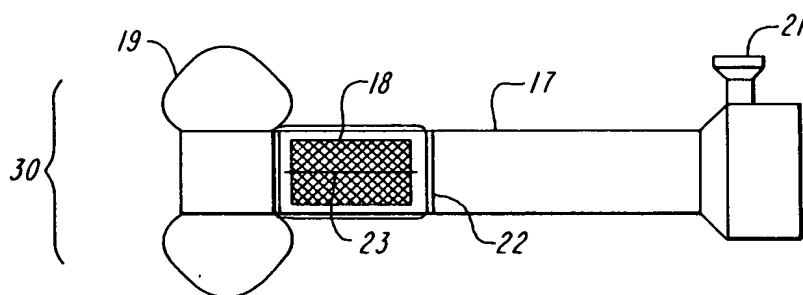
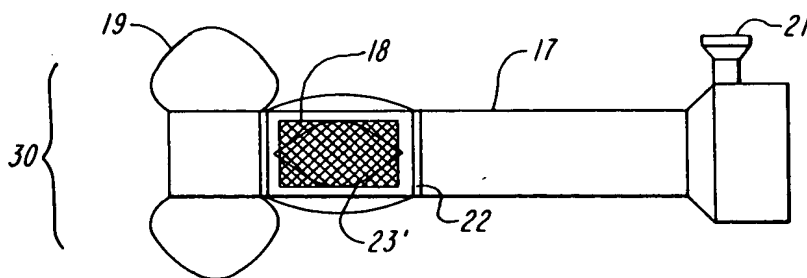


FIG. 8B

**FIG. 9A****FIG. 9B**



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**FIG. 10A****FIG. 10B****FIG. 11A****FIG. 11B**

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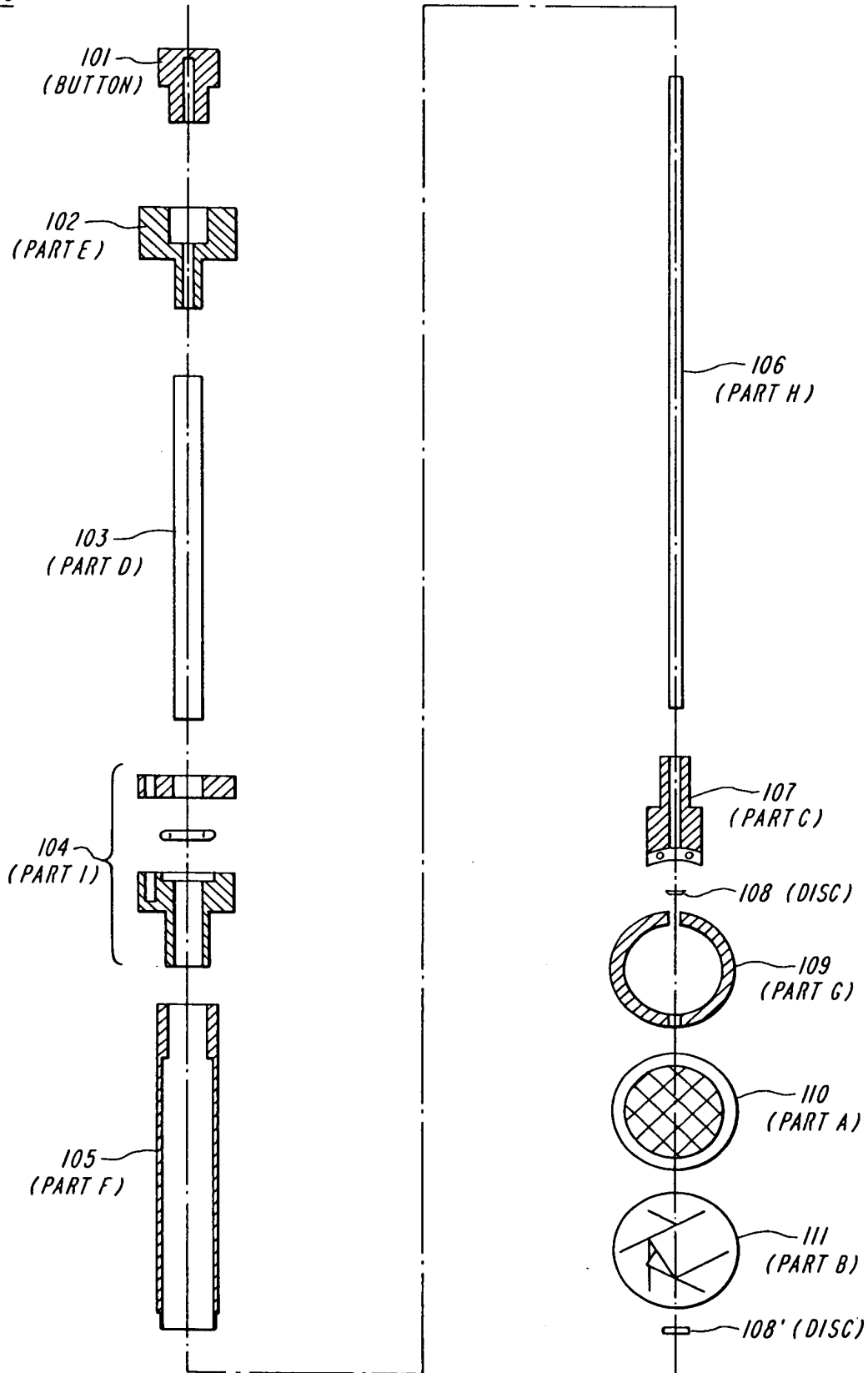


FIG. 12

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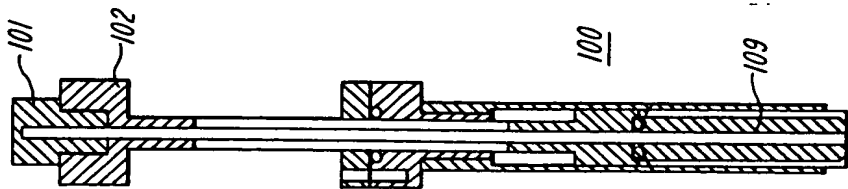


FIG.  
13A

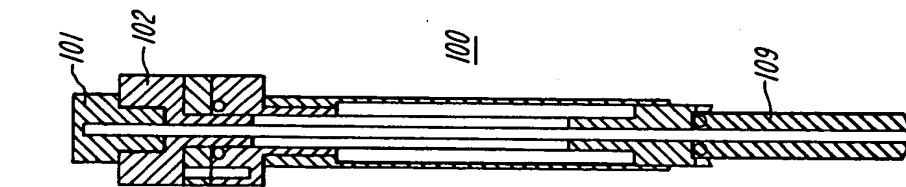


FIG.  
13B

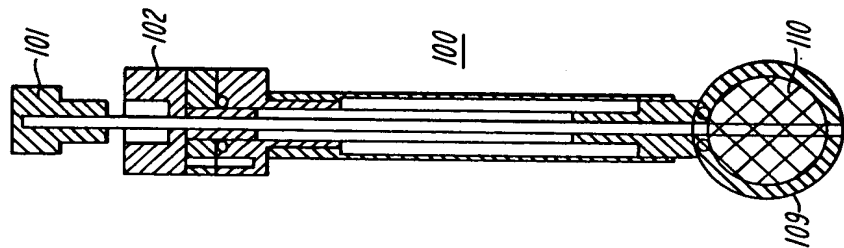


FIG.  
13C

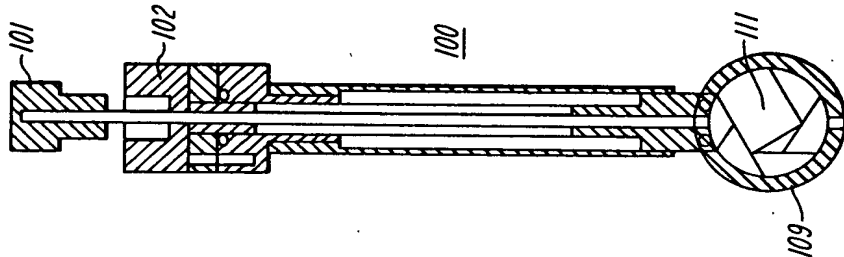


FIG.  
13D

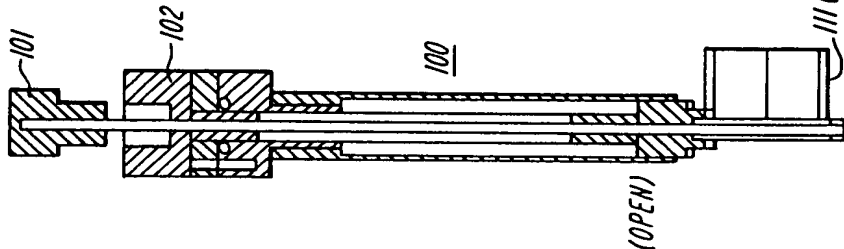


FIG.  
13C'

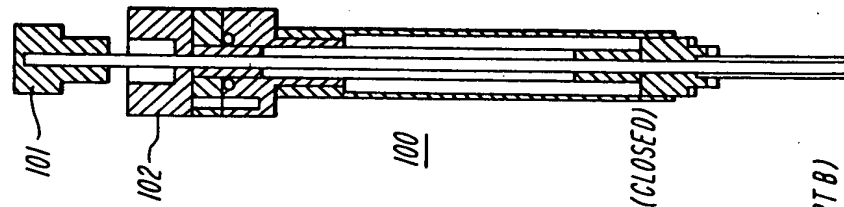
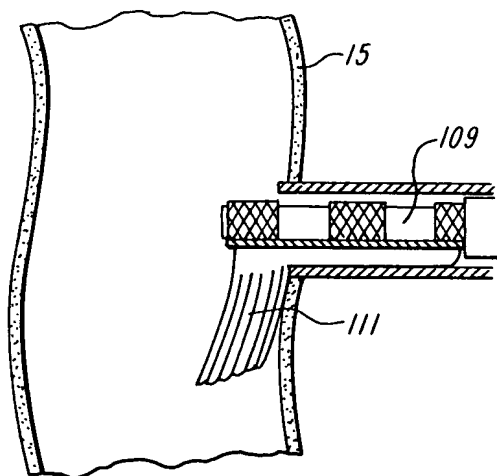
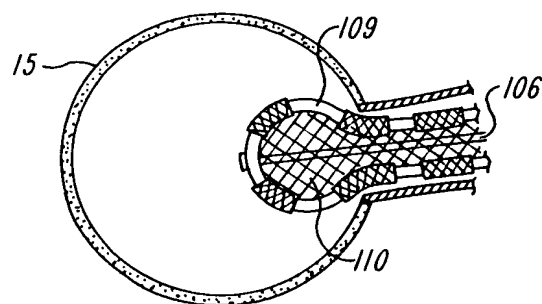
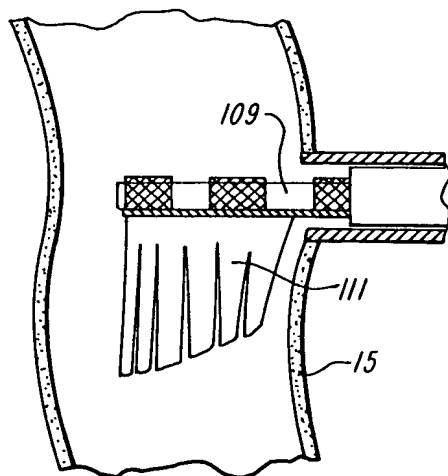
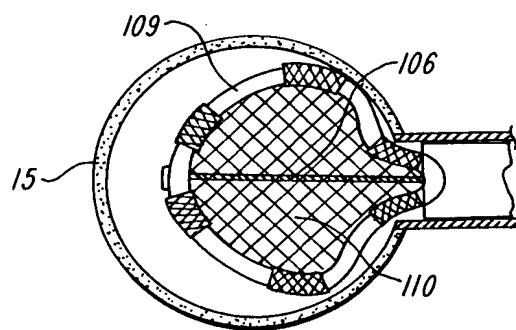
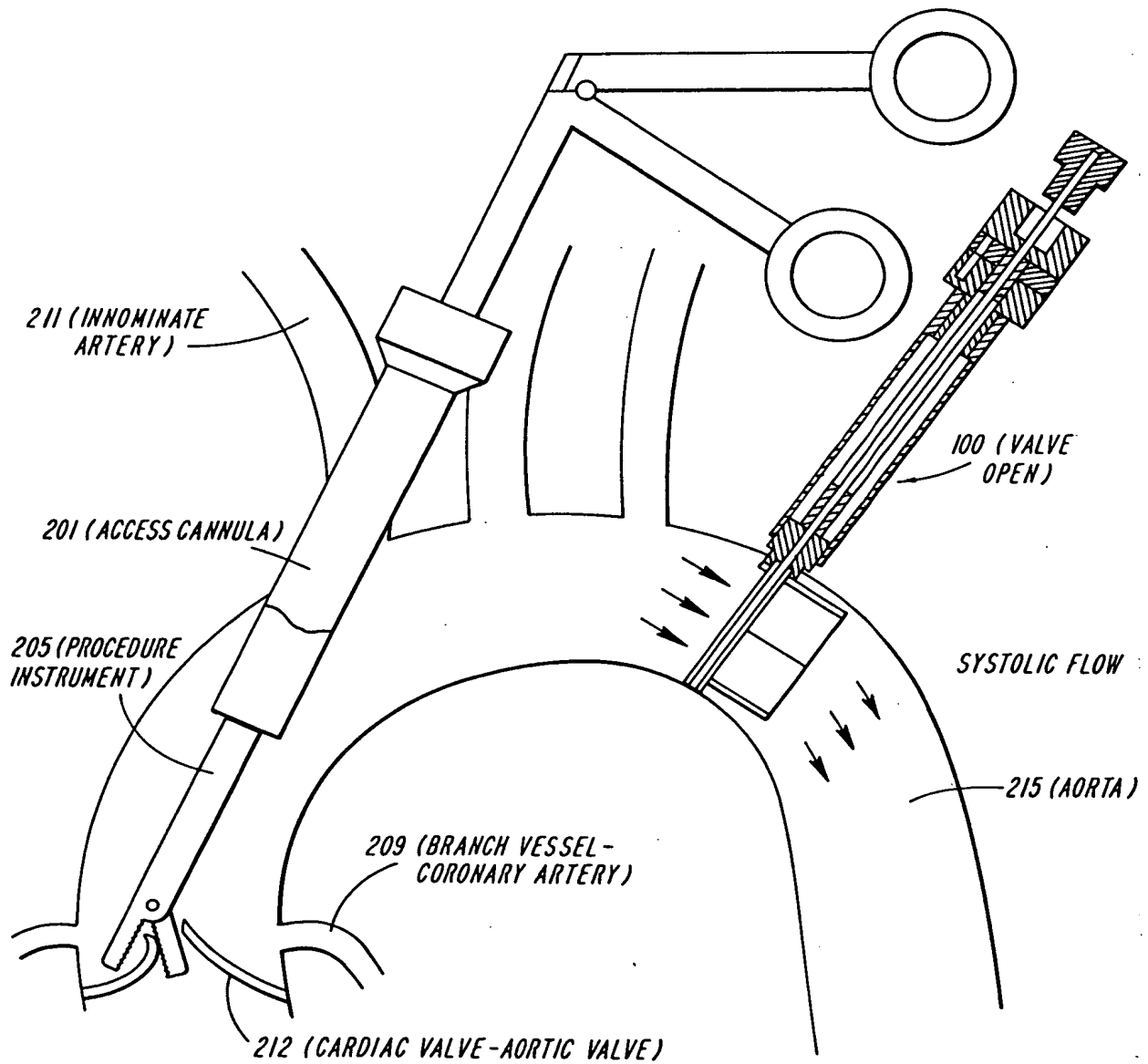


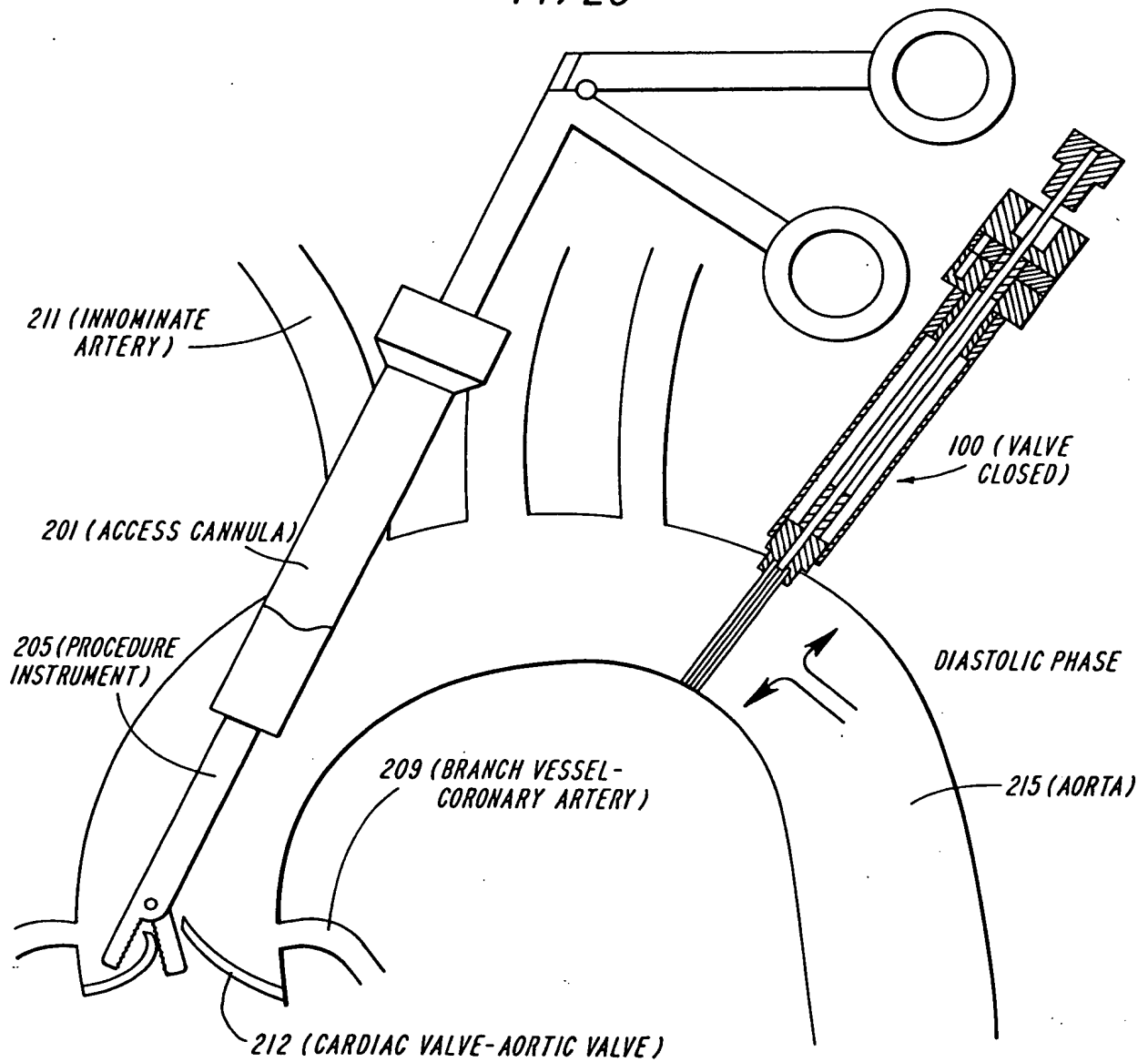
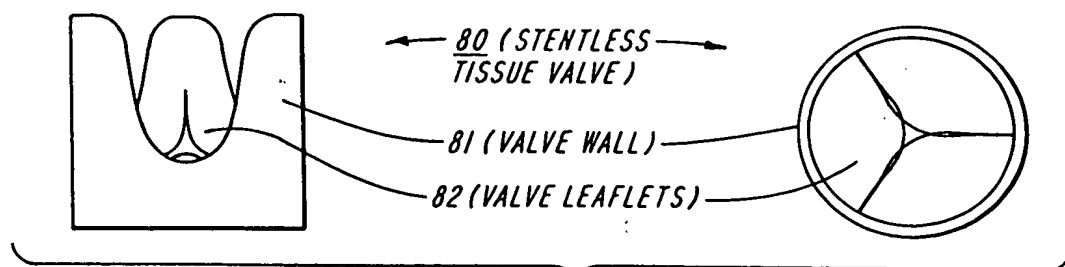
FIG.  
13D'

**FIG. 14A****FIG. 14B****FIG. 14C****FIG. 14D**

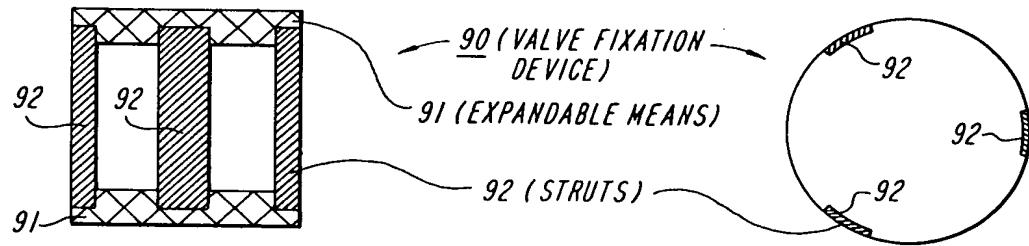
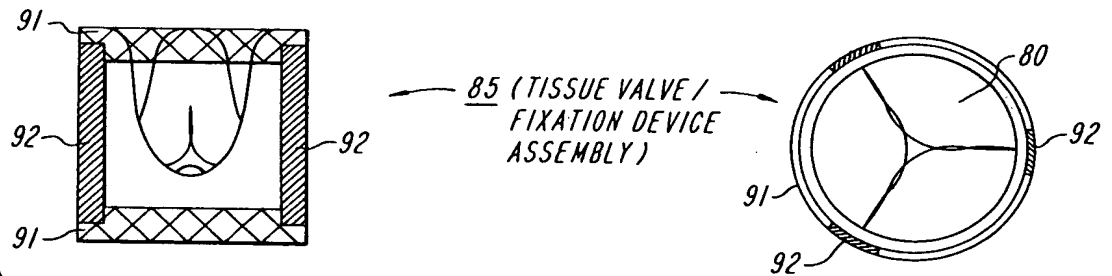
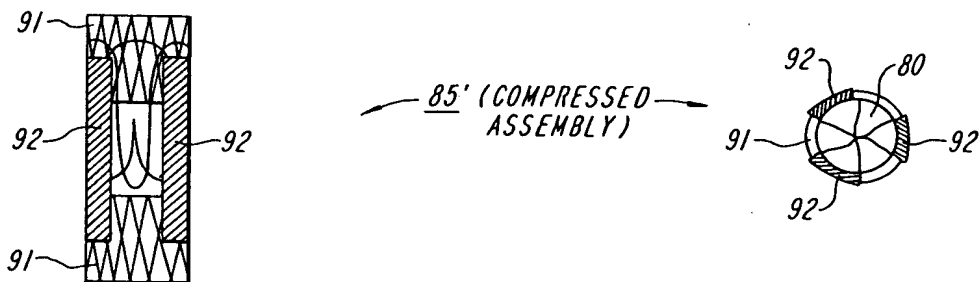
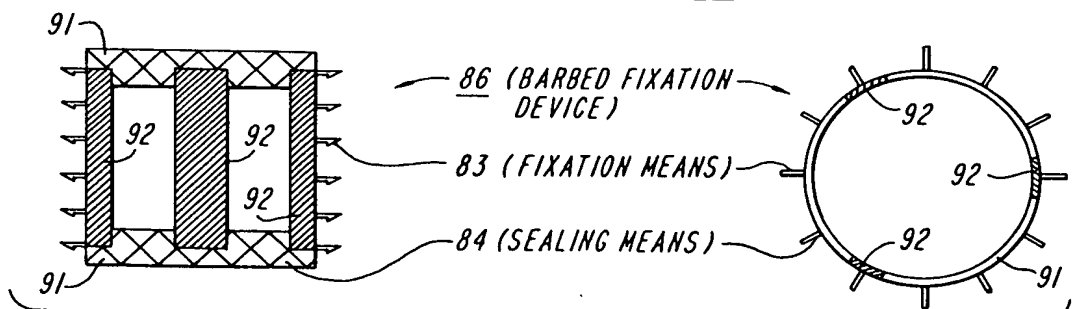
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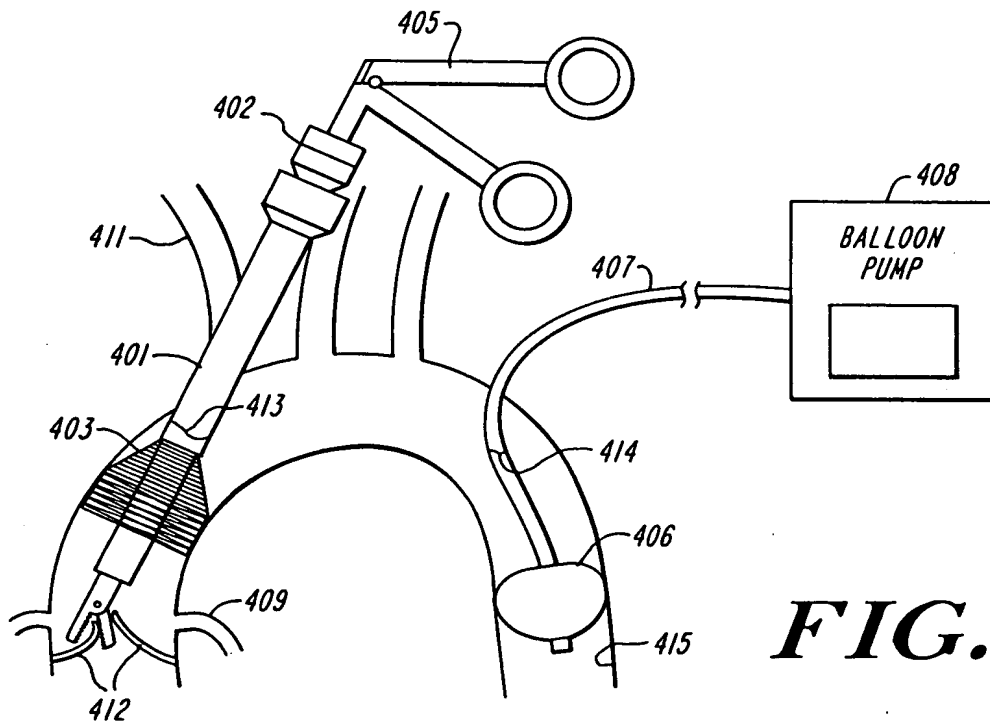
**FIG. 15**

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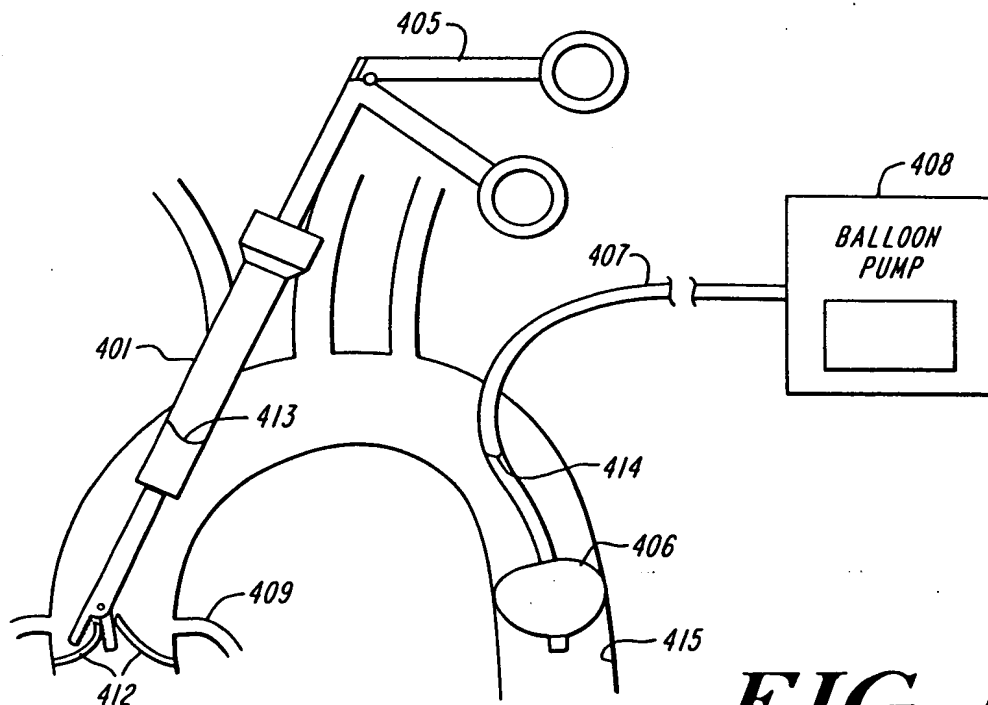
**FIG. 16****FIG. 17A**

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**FIG. 17B****FIG. 17C****FIG. 17D****FIG. 17E**



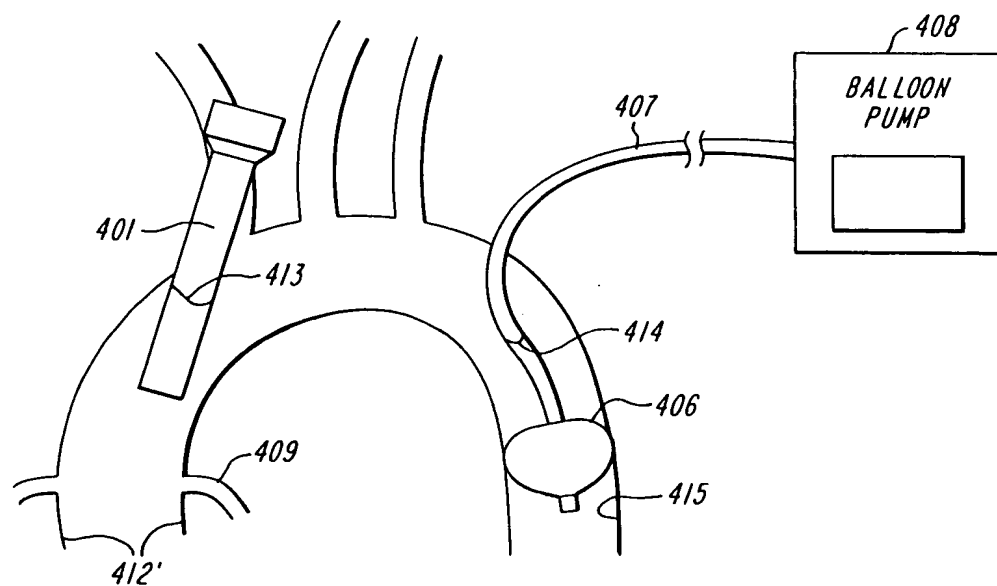
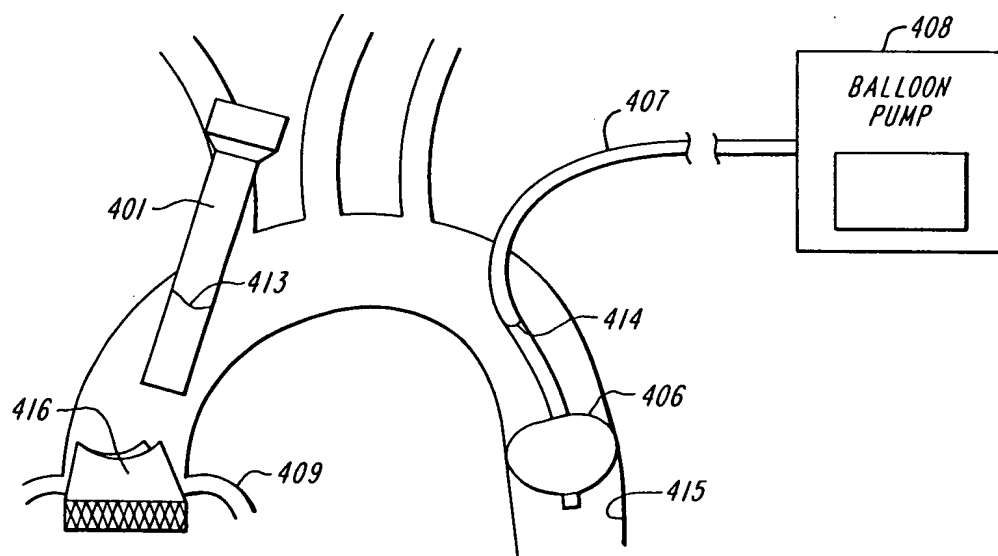
**FIG. 18**



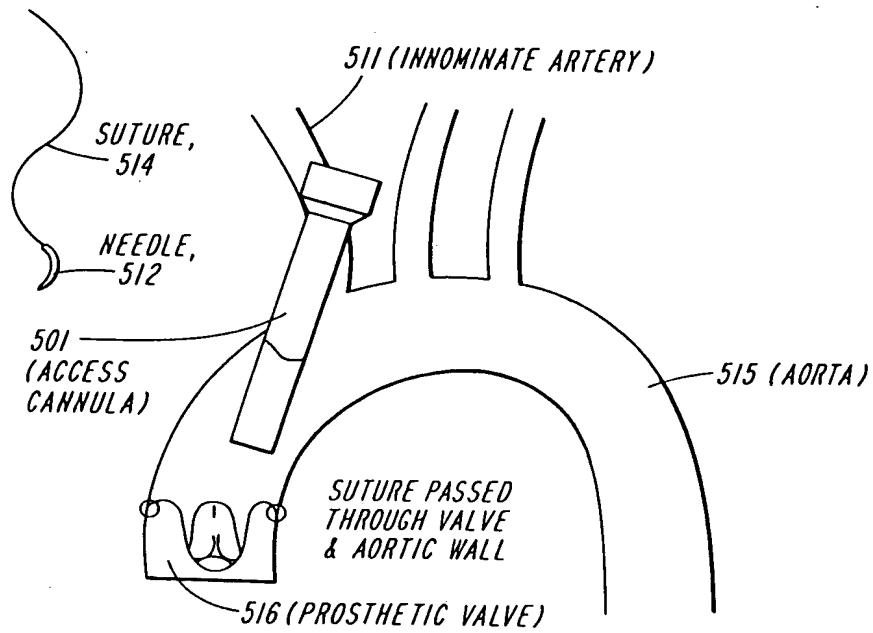
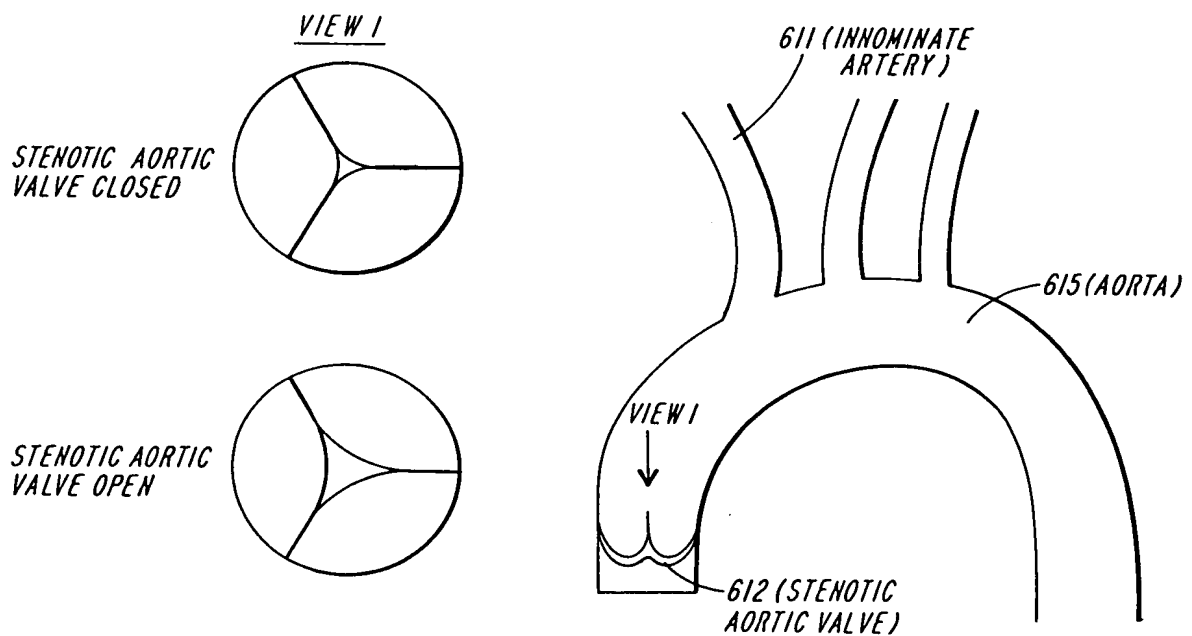
**FIG. 19**

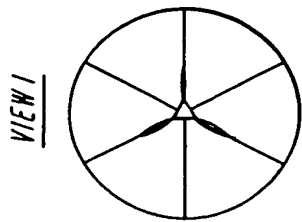
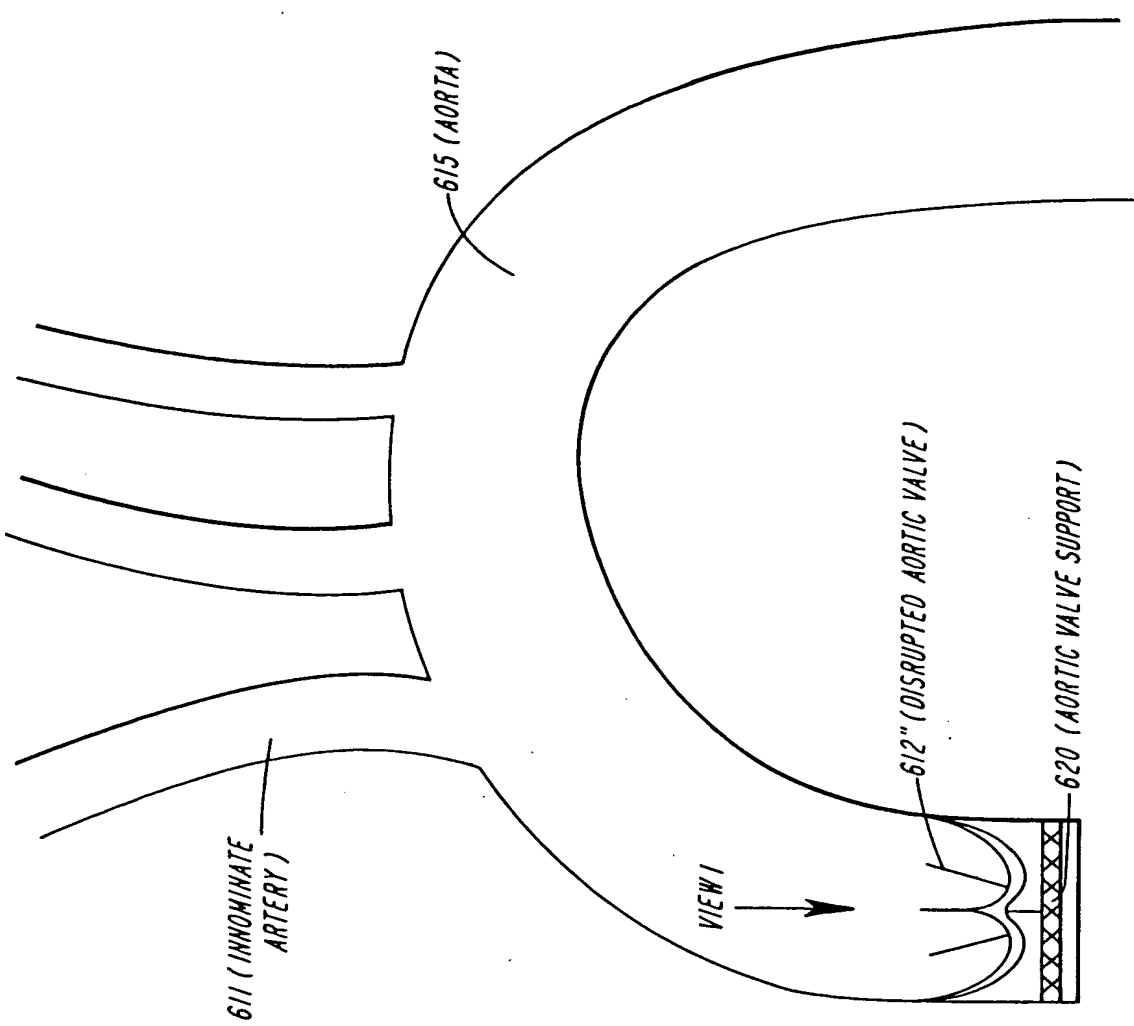


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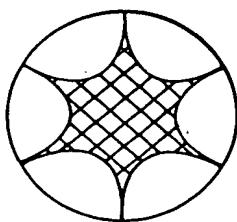
**FIG. 20****FIG. 21**

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**FIG. 22****FIG. 23A**



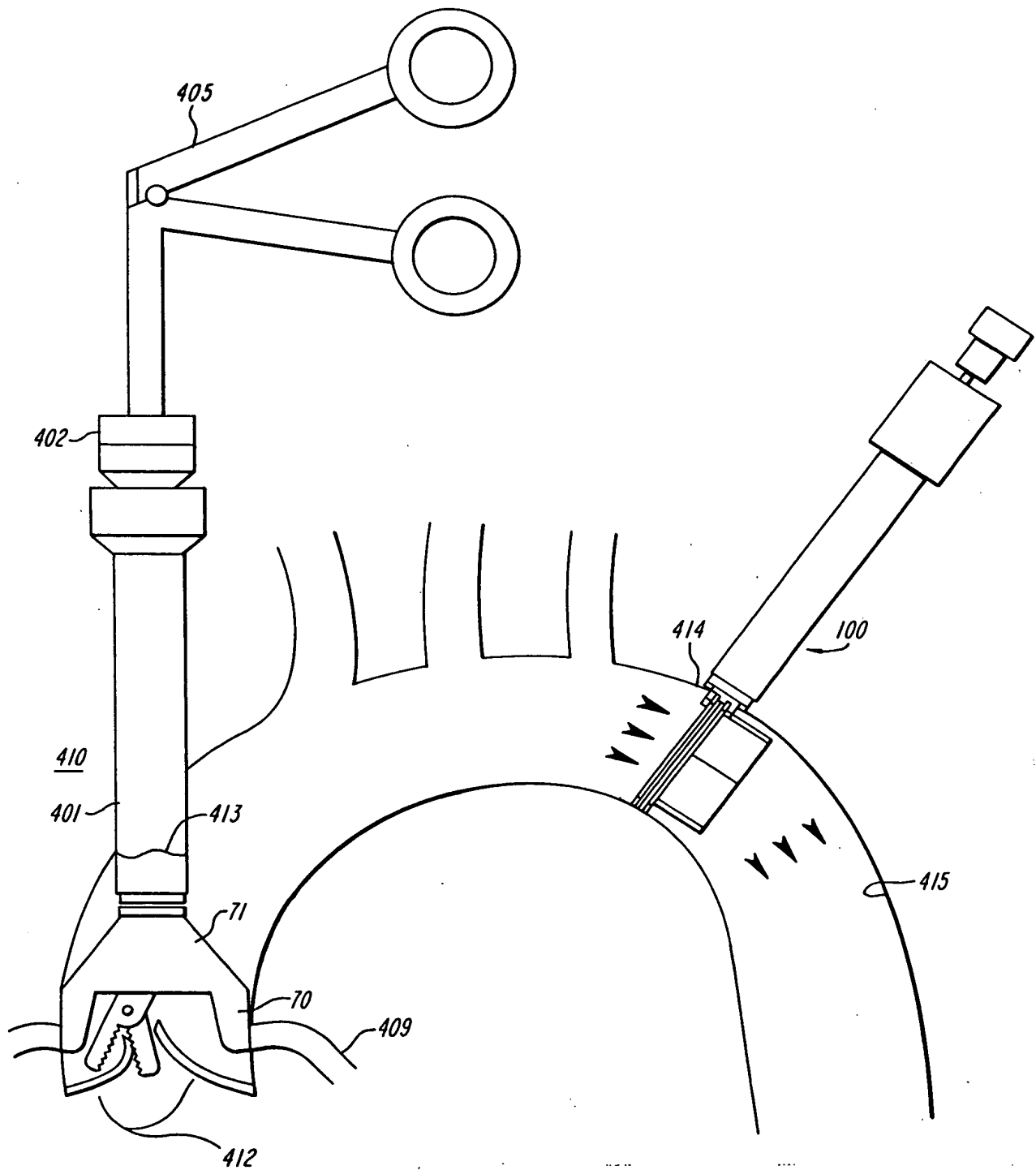
DISRUPTED AORTIC VALVE CLOSED



DISRUPTED AORTIC VALVE OPEN

FIG. 23B

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**FIG. 24**